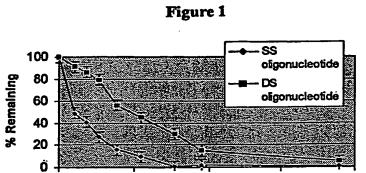
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20

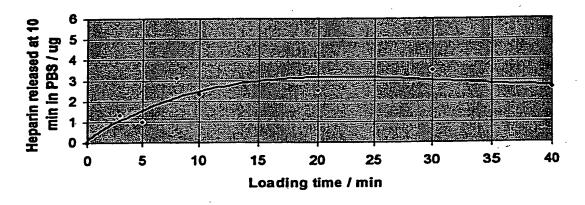
Time (mins-1)

30

Figure 2

10

### Loading time effect



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Figure 3

### Accumulated heparin Release Profile

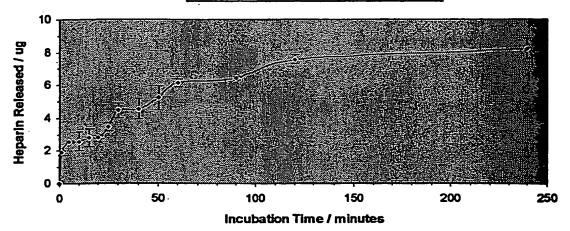
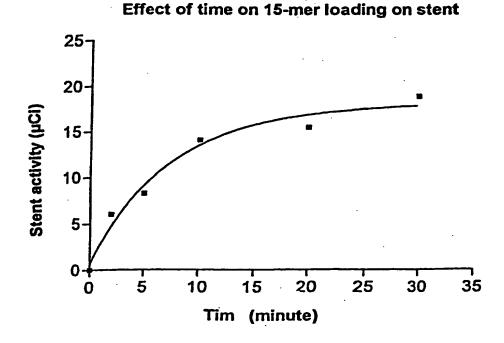


Figure 4



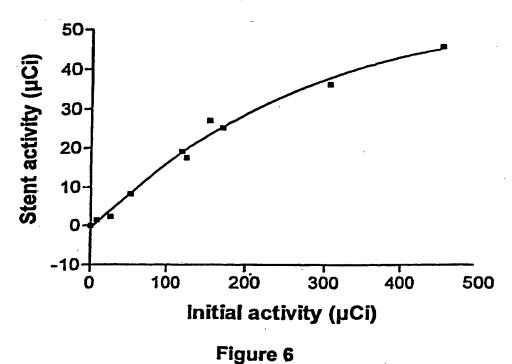
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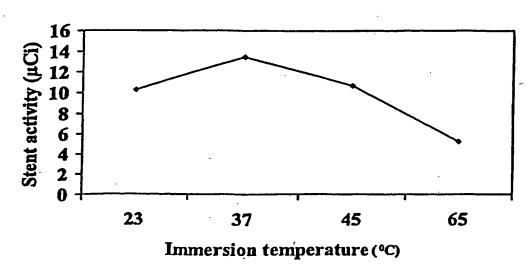
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Figure 5

Effect of oligomer concentration (initial activity) on stent loading



Effect of temperature of 15-mer loading



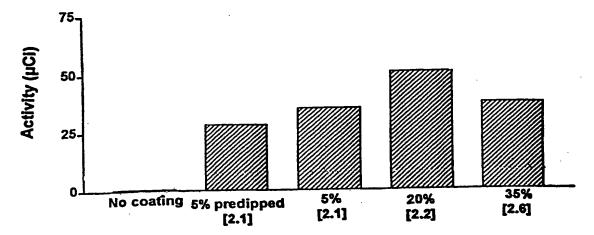
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Figure 7

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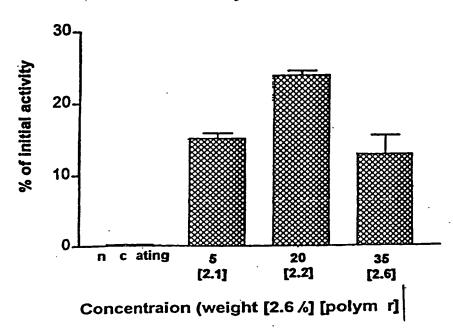
Loading of 15 mer (initial activity: 211 µCi) on PC coated Biodyviso stents



Stent treatment (% of CM in polymer and pretreatment)
[polymer]

Figure 8

Yields of loading for the 32P-15 mers onto the PC Biodivysio stents



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Figure 9
Yields of loading for the 32P-32mers onto the PC Biodivysio stents

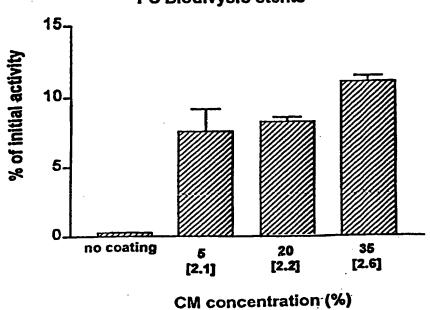
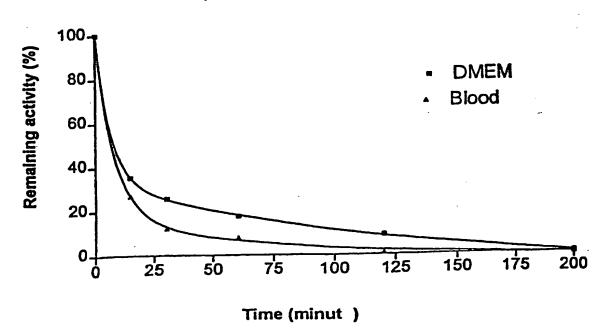


Figure 10

Elution profile of 15 mer loaded PC stents



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Figure 11

Elution of 32P labelled oligonucleotides (15 and 32 mers) loaded on PC Biodyvisio stents after incubation in blood at 37°C.

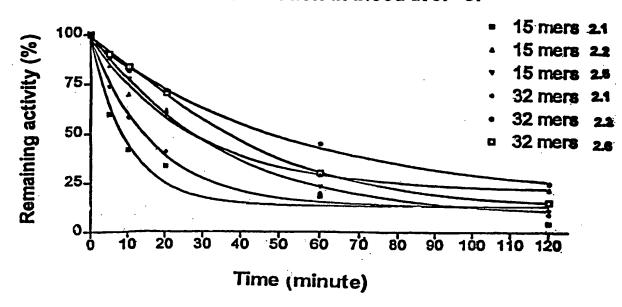
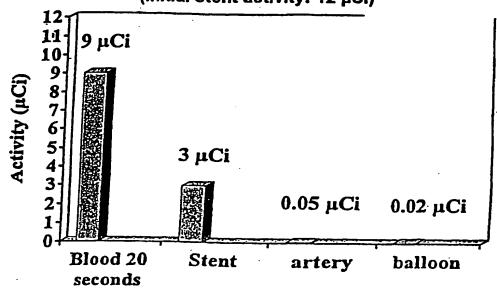


Figure 12

Remaining activities (µCi) 30 minutes after 15 mer loaded PC stent (15 x 3.5 mm) deployment in the pisg's LCX arter (initial stent activity: 12 µCi)



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Figure 13

Elution of 23p labeled 32 mers from polymer 2.2 coated
Biodyvisio PC stent deployed in pig's LAD artery

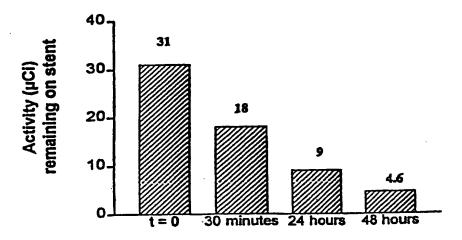
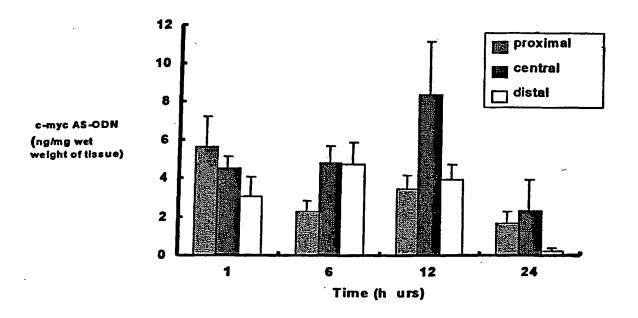
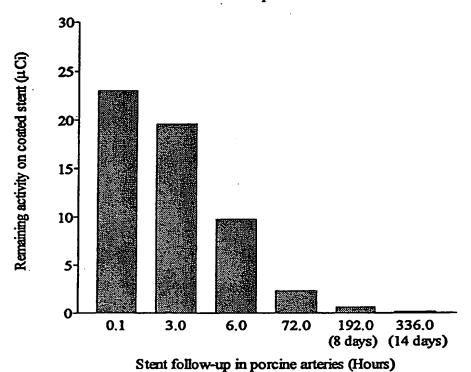


Figure 14



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Figure 15
In vivo follow-up of coated stents

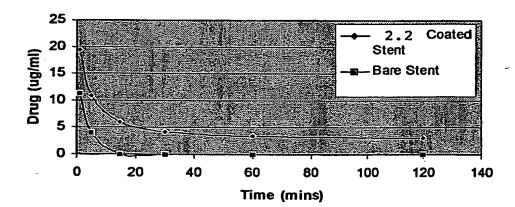


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Figure 16 In vivo follow-up of coronary arteries 1.25 1.00 Delivered activity (µCi) 0.75 0.50 0.25 0.00 0.1 3.0 6.0 72.0 192.0 336.0 (8 days) (14 days)

Figure 17

Artery follow-up (Hours)



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Figure 18

Radioactive heparin release profile (2.2)

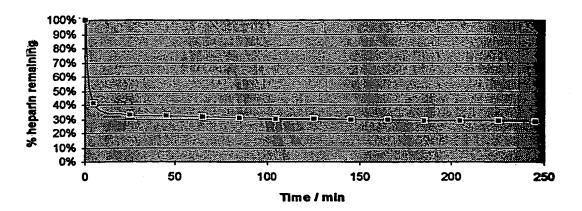
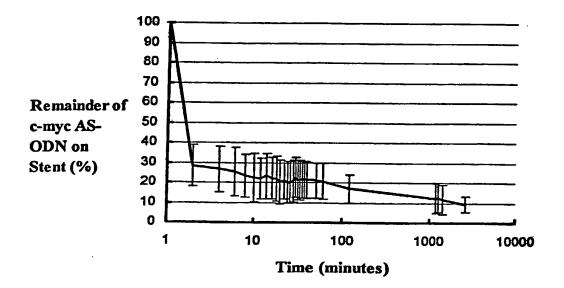


Figure 19



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Figure 20

# Comparison of the release rates of DNA-plasmid from various coating systems

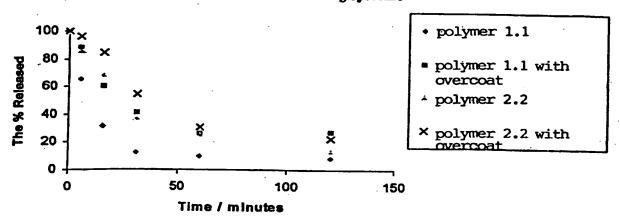
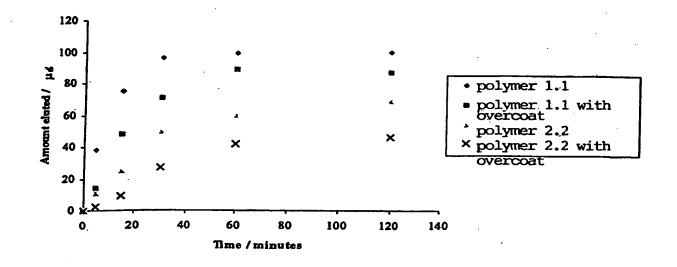


Figure 21

### The amount of DNA-plasmid eluted from various coatings



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Figure 22

## The Elution of DNA-plasmid from various coatings on steel coupons

